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Title: COMBINED DEODORANT AND FRESHNESS KEEPER FOR REFRIGERATOR, AND ITS STORAGE CASE

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Abstract: PROBLEM TO BE SOLVED: To increase the adsorptive force of offensive odor gas, ethylene gas, etc., by using an deodorizing carbon fiber being made by carbonating natural fibers or natural fiber flocks, for the fiber carbide of a combined deodorant and freshness keeper including porous charcoal.

SOLUTION: Nonwoven fabric 2 envelops porous charcoal 3 and a carbon fiber 4 to constitute a combined deodorant and freshness keeper 1 for a refrigerator. Then, the carbon fiber 4 of the combined deodorant and freshness keeper 1 for a refrigerator is arranged in the roughly center of the nonwoven fabric 2 in such a form that it halves the porous charcoal 3, and a deodorizing carbon fiber, which is made by carbonating natural fiber flocks of cotton, wool, or the like at a low temperature of 270-300°C in weak oxidizing atmosphere including oxygen of 1-10 wt.%, is used. Thus, the oxidation of food can be prevented, and also odor is removed, and further offensive odor gas such as basic offensive odor gas, acidic offensive odor gas, etc., can be removed powerfully even under the freezing point, so the taste and freshness of the food can be kept with the multiplication effect of the porous charcoal 3 and the carbon fiber 4.

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